TURBINE EXHAUST SILENCERS

Turbine Products

Product Description
VAW Systems Exhaust Silencers are designed to meet low frequency sound levels for systems operating under extreme conditions. Exhaust Silencers are typically designed with stainless steel internal splitters engineered to grow thermally while minimizing expansion stresses. Our efficient aerodynamic designs help ensure optimum attenuation is delivered with minimum pressure losses on the turbine system.

Applications
- Gas Turbines
- Generators
- Compressors
- Simple Cycle
- Bypass
- SCR
- HRSG

Standard Features
- Designed to be either directly mounted to a turbine exhaust or stand-alone with support structure
- Aerodynamically shaped baffles and center pods for optimum attenuation and minimum pressure drop
- Casing materials and structural design suitable for virtually any airstream composition and system pressure

Accessories
- Inlet Filter Houses
- Intake Silencers
- Transitions and evases (integral or stand-alone)
- Expansion Joints
- Structural Support

Horizontal Circular Exhaust Silencer
Vertical Rectangular Exhaust Silencer
Certified Performance Data

For over 40 years, VAW has been testing, designing, and fabricating noise control products in North America with a unique program driven by our experienced acoustic engineers. Our performance data is based on extensive testing:

- Product validation and applied research within our Noise Control Applications Laboratory
- Third party testing at NVLAP® accredited facilities
- Field verification tests

Refer to our Certified Performance Data Sheets and our Selection Software for a complete set of product ratings.

Construction Options

- Heavy Casings: up to 1/2 in. steel plate
- Internal Materials: 409, 304 or 316 stainless
- Cold Wall or Hot Wall construction
- Custom configurations for space and weight restrictions
- Industrial paint systems and coatings:
  - Marine grade painted exterior
  - High temperature paints
  - Anti-corrosive coatings
- Erosion Protective mesh for media fill
- Special shipping splits
- Access doors
- Independent support structure
- Support Brackets